

AFW

2825



Docket No.: M4065.0184/P184  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Provisional Application of:  
Alan G. Wood, et al.

Confirmation No.: 2407

Application No.: 09/594,510

Examiner: C. Luu

Filed: June 16, 2000

Art Unit: 2825

For: SEMICONDUCTOR DEVICE PACKAGE  
AND METHOD

**SECOND REQUEST FOR  
ACKNOWLEDGEMENT OF FORM PTO-1449**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:


In reviewing the above-captioned application file, the undersigned has noticed that the Applicants' Forms PTO-1449, which accompanied Information Disclosure Statements submitted on September 26, 2000 and April 5, 2004 (copies attached), have not been acknowledged by the Examiner. A copy of the initialed Forms PTO-1449 were not included with the Final Office Action dated November 5, 2003 and the non-final Office Action dated April 27, 2004. The Examiner is therefore kindly requested to return the initialed forms to the undersigned as soon as possible.

Application No.: 09/594,510

Docket No.: M4065.0184/P184

Dated: May 6, 2004

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

Elizabeth Parsons

Registration No.: 52,499

DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorneys for Applicants



**COPY**

**Atty Docket No.:** M4065.0 4/P184

**Inventor:** Alan Wood et al.

**Serial No.:** 09/594,510

**Filing Date:** June 16, 2000

**Title:** SEMICONDUCTOR DEVICE PACKAGE AND METHOD

**Documents Filed:** Information Disclosure Statement (IDS); Information Disclosure Citation In An Application; and cited references.

**Sender's Initials:** CFC



**Date:** September 26, 2000



PATENT

Docket No.: M4065.0184/P184

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Alan Wood et al.

COPY

Serial No.: 09/594,510

Group Art Unit: 2815

Filed: June 16, 2000

Examiner: Not Yet Assigned

For: SEMICONDUCTOR DEVICE  
PACKAGE AND METHOD

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT (IDS)

Dear Sir:

Pursuant to 37 C.F.R. 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. A copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- x   1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. 1.491, OR before the mailing date of a first Office Action on the merits, whichever event occurs last. No certification or fee is required. 37 C.F.R. 1.97(b).
2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Rejection or Notice of Allowance. 37 C.F.R. 1.97(c).

- \_\_\_ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(1).
- \_\_\_ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(2).
- \_\_\_ c. Attached is our check in the amount of        in payment of the fee under 37 C.F.R. 1.17(p). Please charge any fee deficiencies, or credit any overpayment, to Deposit Account No. 4 - 1073 as needed to ensure consideration of the Information Disclosure Statement. Two duplicate copies of this paper are attached.
- \_\_\_ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage, AND after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of        in payment of the petition fee under 37 C.F.R. 1.17(i)(1). Please credit or debit Deposit Account No. 4 - 1073 as needed to ensure consideration of the Information Disclosure Statement. Two duplicate copies of this paper are attached.
- \_\_\_ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(1).
- \_\_\_ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. 1.97(e)(2).

\_\_\_ 4. Translations of the non-English language references are enclosed.

- \_\_\_ Full  
\_\_\_ Partial  
\_\_\_ Summary/abstract

COPY

\_\_\_ 5. A copy of a foreign application communication from a related foreign application discussing the relevancy of the references is attached.

Dated: September 26, 2000

Respectfully submitted,

By



Thomas J. D'Amico

Registration No.: 28,371  
DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP  
2101 L Street NW  
Washington, DC 20037-1526  
(202) 785-9700

Attorneys for Applicant



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INFORMATION DISCLOSURE CITATION IN AN APPLICATION					Docket Number		Application Number	
					M4065.0184/P184		09/594,510	
					Applicant(s)			
					Alan Wood et al.			
					Filing Date		Group Art Unit	
					June 16, 2000		2815	
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	A	5,858,815	01/1999	HEO et al.				
	B	4,781,969	11/1988	KOBAYASHI et al.				
	C	5,073,840	12/1991	COORS				
	D	5,770,032	06/1998	CANE				
	E	5,817,535	10/1998	AKRAM				
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations YES NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								

EXAMINER	DATE CONSIDERED
Not Yet Assigned	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



COPY

Inventor: Alan G. Wood et al.

Atty Docket No.: M4065.0184/P184

Application No.: 09/594,510-Conf. #2407

Filing Date: June 16, 2000

Title: SEMICONDUCTOR DEVICE PACKAGE AND METHOD

**Documents Filed:**

INFORMATION DISCLOSURE STATEMENT; IDS CITATION FORM (PTO FORM SB/08) W/O  
REFERENCES; SUBMISSION OF FORMAL DRAWINGS; 6 SHEETS OF DRAWINGS (FIGS. 1-8);  
CREDIT CARD PAYMENT FORM \$180.00.

Via:

Sender's Initials: TJD/MMS/dgw

Date: April 5, 2004



1730200 v.1: 11074011 DOC

M4-5-DV





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Docket No.: M4065.0184/P184  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Alan G. Wood et al.

Application No.: 09/594,510

Confirmation No.: 2407

Filed: June 16, 2000

Art Unit: 2825

For: SEMICONDUCTOR DEVICE PACKAGE  
AND METHOD

Examiner: C. A. Luu

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

The listed documents are not being supplied because they either were submitted to or cited by the Patent and Trademark Office in prior Application No. 09/930,295, filed August 16, 2001, a divisional of this application.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Credit Card in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p). Credit Card Payment Form SB-2038, with a signature from an authorized cardholder, is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0184/P184. A duplicate copy of this paper is enclosed.

Dated: April 5, 2004

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

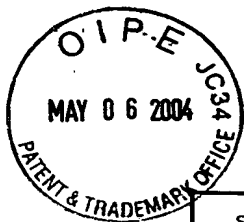
DICKSTEIN SHAPIRO MORIN &  
OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorney for Applicant



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PTO/SB/08a/b (08-03)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/594,510-Conf. #2407
				Filing Date	June 16, 2000
				First Named Inventor	Alan G. Wood
				Art Unit	2825
				Examiner Name	C. C. Chu
Sheet	1	of	1	Attorney Docket Number	M4065.0184/P184

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	5,977,629	11/02/1999	Fogal et al.	
	AB	6,326,700	12/04/2001	Bai et al.	
	AC	6,268,650	12/09/1997	Kinsman et al.	
	AD	6,160,714	12/12/2000	Green	
	AE	5,834,839	11/10/1998	Mertol	
	AF	5,796,170	08/18/1998	Marcantonio	
	AG	5,696,033	12/09/1997	Kinsman	
	AH	6,479,887	11/12/2002	Yoon et al.	
	AI	5,143,865	09/1/1992	Hideshima et al.	
	AJ	5,134,539	07/28/1992	Tuckerman et al.	
	AK	6,175,084	10/16/2001	Saitoh et al.	
	AL	3,918,148	11/11/1975	Magdo et al.	
	AM	5,734,201	03/31/1998	Djennas et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.